

42120

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
Konstantinos Poulakis	:	PATENT
Serial No.: 10/019,397	:	Art Unit: 1733
Filed: December 28, 2001	:	Examiner: B. J. Musser
For: METHOD FOR PRODUCTION OF A FLEXIBLE SHAPED STRIP	:	

DECLARATION UNDER 37 C.F.R. § 1.131

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

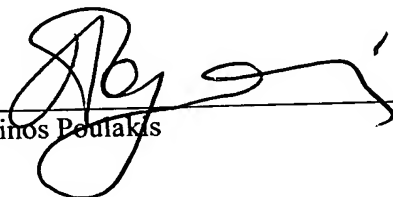
Sir:

Konstantinos Poulakis, the sole inventor of the subject matter described and claimed in the above-identified application, declares that prior to March 31, 1999, the invention described and claimed in this application was completed in Germany, a WTO country, by successfully performing and successfully testing the claimed method; and that the attached documents appended hereto as Exhibits A - C describe the method performed and tested prior to March 31, 1999, which method conforms to the method described and claimed in the subject application.

Exhibit A discloses that a profiled strip was coated with an anti-slip material and that the anti-slip material can be top coated with a brush or dipping. The anti-slip material is a rubber glue thinned with methylethylketone (MEK).

He declares further that all statements made of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment , or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: 15. Sept. 2005


Konstantinos Poulakis

ITALIEN

① Pfeilke - Microplast.

① hinten Fe-PU - vorne Hydrophob.

② hinten Fe-PU - vorne Acrylat Folie.

~~be~~ Geometrie be uns probieren in der Vor.

② ① 2-3 m 410 mm Breiten Microplast Fe-PU

② 2-3 m ~~Fe~~ Fe-Acrylat - Folie.

③ 2-3 m Fe-HM-PEs - Folie.

nach Italien schicken.

③ Pickel - mit anstandslos Beschichtung ist viel besser
Form von Feder modifizieren.

Form von Wasser auslaufen \leftarrow Thomas

3 - Kisten - original herstellen 60°C

Kiste - Verstellen \leftarrow Thomas

Form \rightarrow auseinander bauen \leftarrow Thomas

Form - modifizieren \leftarrow Raab - H.H.

Stück zusammenbauen \leftarrow Thomas



Profil - Seite

mit 10 Nipels in Labor, Profil
"rutschhemmend" angedrückt

a) mit Back- & Back-blech (504715)
stark verdünnt mit Öl

b) Kleber 91 stark verdünnt mit Aceton

folgendes sollte ausprobiert werden:

d) komplett - Beschichtung / Spritzen in
"Kleber"-bad

⑨ nur "oben" beschichten mit Pinsel

Kleber 91 gibt eine ausreichend gute
~~Halb~~ Haftung zum Profil und hat die
gewünschte Wirkung. Wenn Masse würde verfestigt
er nur begradigt. Allerdings müssen wir
in der Serie nur "oben" beschichten.



[Handwritten signature]

German translation

Profile – Seat

the profile was „antislip“ coated with KI. Nägele in the lab.

- a) with back-to-back glue (SU 4715), thinned with MEK
- b) Glue 21, thinned with Aceton

following should be tested

- 1) complete coating / dip in glue
- 2) only „top“ coated with brush

Glue 21 results a gut adhesion to the profile and has the wanted effect.
It was shown to Mr. Mense. He was very enthusiastic about that.
However we should coat only on the top in the line

(signature)

German translation

ITALY

- 1) trench Microplast
 - A) back Fe-PU – front hydrophobic
 - B) back FePU – front acrylic foil

the design to be tested in our facilities in the tool

- 2)
 - A) 2 - 3 m 410mm wide Microplast Fe-PU
 - B) 2 - 3 m Fe-Acrylic foil
 - C) 2 - 3 m Fe-HM-PES-foilto be send to Italy

- 3) profile with antislip-coating is better
 - tool to be modified by Fehrer
 - tool to be connected with water ← Thomas
 - produce 3 original pads 60°C
 - pads to be measured ← Tuma
 - separate tool ← Thomas
 - tools modification ← Raab – Hiha
 - rebuild tool ← Thomas
 - produce 3 pads ←

1a. TUCHTUCHT = GOMMUT

Versuche mit

25445 mit 36μ - Abdeckung

Kleber 22 mit 20% Fe

hat sich gestrip

A) magnetkraft niedrig

sollte ~~erhöht~~ erhöht werden
bünd.

Abstand Magneten ca. 5 cm.

B) Überströmung weil Magnetkraft niedrig
der Folie

C) Überströmung des Vorstehendes selbst
weil die Form nicht bei 105°C
temperiert. der Kernelt ist flüssig.
schmilzt weg



TOSCAWA⁰ (2)

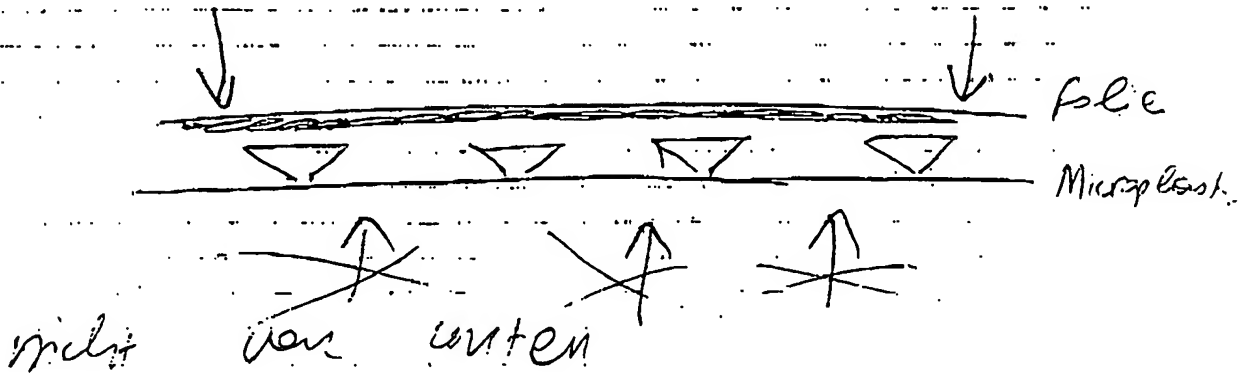
TO DO:

50 μ - folie

Acrylat

35 % Fe

Schneiden von der folie her



Temperatur in der Form $\Rightarrow 105^{\circ}\text{C}$

TOUANA

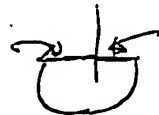
(4)

~~Der~~ Der Härte des Probes wurde
wenig Achtung gegeben.

Die Möglichkeit mit 2 - Farben wurde
angesprochen \rightarrow dass wollen Sie als
Reparat anwenden.

TO DO

- ① ca. 5 m mit PP-Vlies mit Kerben.
- ② danach ca. 50 m mit Vlies - Schweißband
um es LSTR - vorzustellen.
- ③ ca. 50 m mit 2 Farben.
- ④ ca. 50 m mit antirutsch Beschichtung
auf die obere Seite des Probes.



page 1

Toscana Gomma

trials with 25445 with 36 μ shield, glue 22 and 20% Fe
results:

- A) magnetic force low
 should be increased
 magnet distance about 5 cm
- B) foam intrusion over the foil, because of low magnetic force
- C) foam intrusion over the fastener, the tool has a temperature by 105°C, the hotmelt glue melts down

page 2

TO DO

- 50 μ foil
- acrylic adhesive
- 35% Fe
- cutting from the side of the foil
 (design)
- not from the bottom

temperature in the form 105 °C

page 3

PROFILE

the same complaints as Mr. Mense. If a shape is built, the profile is pulled off.

Jan showed the rounded shape. More secure should be with notches every 20-25 mm on both sides.

A flag with PVC-foil should NOT be ok !! the foil is not stable enough after sealing, more convenient should be a PVC-coated textile.

The PP-nonwoven seems to be ok.

The material with the notches should be shown by LEAR

page 4

The profile hardness was not of interest.

The possibility to build up the product with two flags was discussed. They want to put a patent application.

TO DO

- 1) about 5 m with PP-Nonwoven and notches
- 2) after that about 50 m with nonwoven-sealable to show it to LEAR
- 3) about 50 m with two flags
- 4) about 50 m with antislip coating on the top of the profile
 (design)